

Kirklees Local Plan Submission Documents SD6

Kirklees Local Plan:
Publication Draft Sustainability
Appraisal Report – Erratum Notice
(November 2016)





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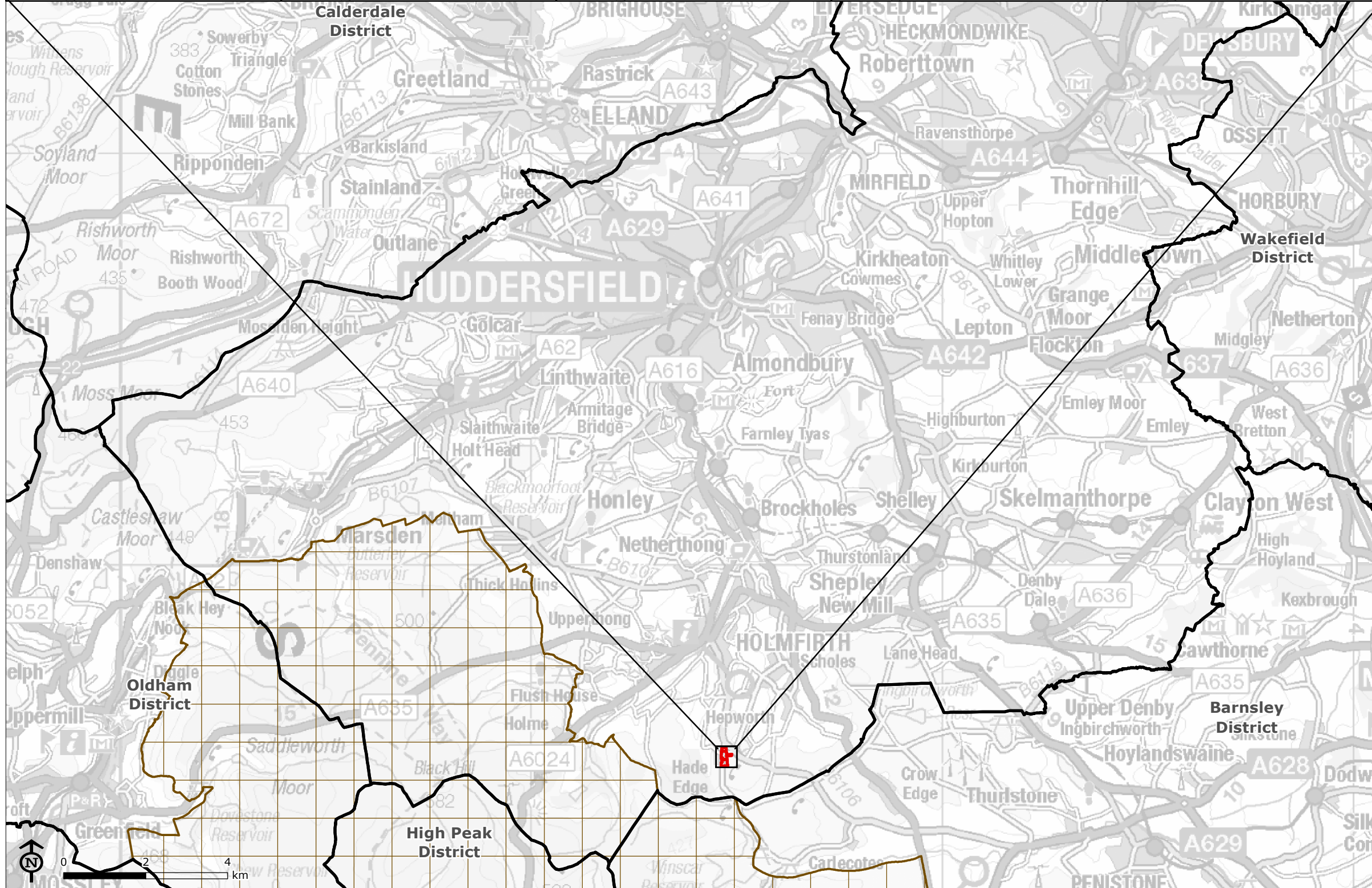
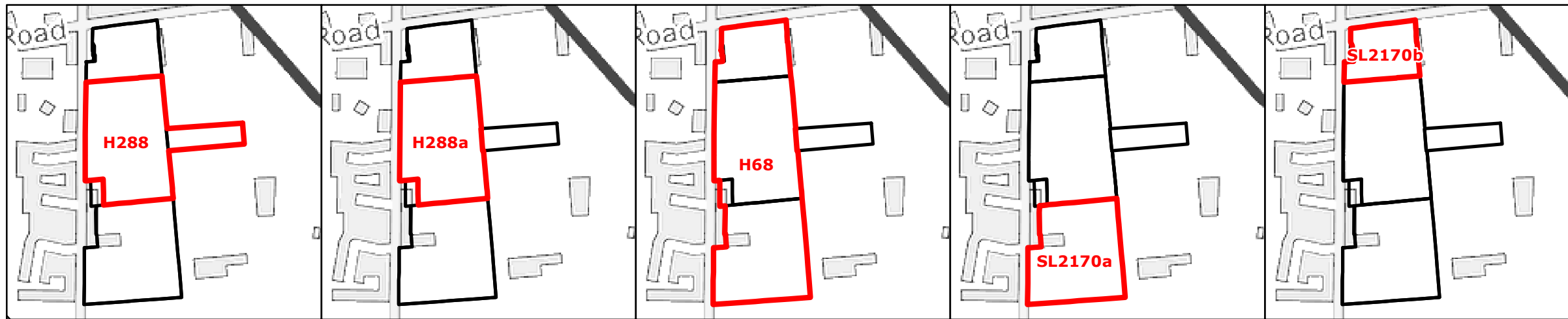
Kirklees Local Plan: Publication Draft

Sustainability Appraisal Report - Erratum Notice

November 2016




Publication Draft Kirklees Local Plan: Sustainability Appraisal Report Erratum Notice

- 1.1 This Erratum notice relates to the Sustainability Appraisal (SA) Report (October 2016) for the Publication Draft Kirklees Local Plan which was prepared by LUC on behalf of Kirklees Council.
- 1.2 Since the SA Report was published a small number of errors have been identified in relation to the appraisal of sites which cover the land to the south of Greave Road and to the east of Dunford Road. The sites which are potentially affected are:
 - H288 Dunford Road, Hade Edge, Holmfirth (not allocated in the Publication Draft Local Plan);
 - H288a (allocated in the Publication Draft Local Plan);
 - H68 POL Dunford Road, Hade Edge, Holmfirth (not allocated in the Publication Draft Local Plan);
 - SL2170A (safeguarded in the Publication Draft Local Plan); and
 - SL2170B (safeguarded in the Publication Draft Local Plan).
- 1.3 The location of these sites within Kirklees is presented in **Figure 1** below.



SA and HRA of Kirklees Local Plan

Figure 1
Location of Reappraised Sites Within Kirklees

-  District boundary
-  Peak District National Park Authority
-  Reappraised Site

Map Scale @ A3: 1:105,000



- 1.4 A consistent approach to the SA of all the reasonable alternative site options has been taken throughout the appraisal of the emerging Kirklees Local Plan, through the use of a set of SA assumptions regarding what constitutes a minor or significant positive or negative effect for each SA objective. These SA assumptions for each type of development site option are set out in Appendix 4 of the October 2016 SA Report. Paragraphs 2.31 to 2.33 in the SA Report explain how the assessment for a number of the SA objectives involves drawing on accessibility 'heatmapping' work that was undertaken by the West Yorkshire Combined Authority on behalf of Kirklees Council. This work involved assessing the level of accessibility of each site option to a range of services and facilities via non-car based modes of transport. Paragraph 2.37 in the SA Report then explains a number of assumptions that underpin that heatmapping work, which does mean that some site options in close proximity to one another can score differently against the SA objectives.
- 1.5 Paragraph 2.36 in the SA Report explains that a particular challenge in this SA work was the very high number of reasonable alternative site options to be appraised. There was a need to ensure that a very large number of site options could be appraised consistently by a number of LUC and Kirklees Council staff in order that the findings could reliably inform the Council's decision making. A consistent approach has been achieved by the use of prescribed assumptions for each type of site relating to each SA objective, as summarised above.
- 1.6 However, from LUC's review of the five sites above, a small number of errors have been identified in relation to three of the five sites. A summary of the changes and reasons for them is provided below. These have arisen from human error during the SA process and not from inconsistent application of the agreed assumptions. Of the total 95 scores for the 19 SA objectives against which these five sites have been appraised, only six have been amended upon further review. In addition, these errors relate to three out of the total 982 reasonable alternative residential site options that have been considered at both stages of the Local Plan preparation. Therefore, it is not considered that this small number of errors identified undermines the robustness of the SA process.

Required changes to the expected sustainability effects following reappraisal of the relevant sites

- 1.7 The changes to the expected sustainability effects of the three sites (H288, H288a and SL2170A) in which errors have been identified are detailed in **Table 1** below. No changes have been made to the expected sustainability effects in relation to the remaining two sites (H68 and SL2170B) following reappraisal. The detailed matrices showing the reappraisal of all five sites is included in **Appendix 1** to this Erratum notice. Scores which have been amended have been highlighted with a bold outline in both Table 1 and Appendix 1. Some further minor changes to the justification text of the matrices in Appendix 1 have been made for clarity, however beyond the changes to the scores noted in Table 1 below, these changes will not affect the recorded score for any of the SA objectives. The updated matrices presented in Appendix 1 of this document should be used to replace the matrices for the equivalent sites in **Annex 1** of the October 2016 SA Report.

Table 1: Summary of changes to SA scores following reappraisal of sites which cover land to the south of Greave Road and to the east of Dunford Road

SA objective	Site H288		Site H288a		Site SL2170A	
	Likely effect in October 2016 SA Report	Likely effect after reappraisal	Likely effect in October 2016 SA Report	Likely effect after reappraisal	Likely effect in October 2016 SA Report	Likely effect after reappraisal
1. Employment	--	--	--	--	--	--
2. Economy	0	0	0	0	0	0
3. Education	+?	+?	+?	+?	+?/-?	+?/-?
4. Health	-	-	-	-	-/--	-/--
5. Local amenity	-	-	-	-	-	-
6. Access to local services and facilities	-	-	++	-	-/--	-
7. Crime	0	0	0	0	0	0
8. Open space	++	++	++	++	++	++
9. Housing	++	+	+	+	+	+
10. Sustainable transport	+	+	+	+	+	+
11. Land use	--	-	-	-	-	-
12. Landscape and townscape	--?	-?	-?	-?	-?	-?
13. Historic environment	-?	-?	?	?	?	?
14. Biodiversity and geodiversity	-?	-?	-	-?	-?	-?
15. Reduce air, water and soil pollution	0	0	0	0	0	0
16. Flood risk areas	-	-	-	-	-	-
17. Waste	-	-	-	-	-	-
18. Water, energy and raw material use	0	0	0	0	0	0
19. Climate change	+	+	+	+	+	+

- 1.8 The changes for **Site H288** have occurred as the site was initially incorrectly appraised as being 5.79ha in size (due to an error in viewing the site area within the GIS data used). The site actually covers an area of 2.92ha meaning it is below the 5ha threshold set out in the assumptions to determine whether a residential site option is considered to be relatively small or large in size. As the site has now correctly been appraised as being relatively small in size SA objectives 9: housing, 11: land use and 12: landscape and townscape have now been adjusted to reflect the correct assumption and score for those SA objectives.
- 1.9 **SA objective 9** has been adjusted from a significant positive effect to a minor positive effect as sites which are identified as being relatively small would supply a lesser number of new homes to meet local need in the District. Site H288 lies on greenfield land. As the site lies on greenfield land the negative effect identified for **SA objective 11** has been amended from significant negative to minor negative given that the development of this site would potentially result in the loss of a smaller amount of land which has not previously been developed. The loss of a smaller area of greenfield land identified following the reappraisal process means that the significant negative effect identified in relation to **SA objective 12** has now been amended to a minor negative effect. This change has been made as the loss of a smaller area of greenfield land is expected to have a smaller detrimental impact on local landscape character. As the identified effect will be dependent upon the design of schemes which come forward, the minor negative effect is uncertain.
- 1.10 The changes for **Site H288a** have occurred as a result of human error and specifically an incorrect interpretation of the heatmapping information supplied by the Council which details access to services and facilities in Kirklees. Amendments have consequently been made to SA objective 6: access to local services and facilities and SA objective 14: biodiversity and geodiversity.
- 1.11 **SA objective 6** has been amended from a significant positive effect to a minor negative effect. The site had been incorrectly assessed in terms of its accessibility to services and facilities at local and town/district centres in Kirklees making use of the heatmapping data which was supplied by the Council. Following reconsideration of this data in line with the SA assumptions for residential site options, it was identified that the site is mostly located within 16-20 minutes travel time of a local and town/district centre. The updated minor negative score correctly reflects the agreed SA assumptions for residential site options.
- 1.12 The score for **SA objective 14** for Site H288a has been amended from a minor negative effect to an uncertain minor negative effect. The site was correctly identified as lying between 250m and 1km of one or more designated sites biodiversity or geodiversity sites; however the uncertainty relating to the potential for different types of habitats to be affected by development at different proximities at the development site and also considering potential for appropriate mitigation was incorrectly omitted.
- 1.13 One amendment was also made for **Site SL2170A**. This change was made following an initial error as a result of incorrect interpretation of the heatmapping data supplied by the Council which relates to access to services and facilities in Kirklees. The expected effect on **SA objective 6** has subsequently been updated. The site had previously been identified as having a mixed effect (significant negative/minor negative) in relation to access to services and facilities. Upon reappraisal by LUC the expected effect on this SA objective has been updated to a minor negative effect. Although the site is located within variable travel times of the nearest local and town/district centre (the most accessible part of the site is located within 21-25 minutes of the nearest local centre and within 16-20 minutes of the nearest town/district centre, while the least accessible part of the site is within 31-35 minutes of the nearest local centre and within 26-30 minutes of a town/district centre) an overall minor negative effect is expected on this SA objective in line with the SA assumptions.
- 1.14 Scores relating to the expected effects of the residential sites on the rest of the SA objectives remain the same. Differences between the sites in question have been identified in relation to the scoring of the sites in terms of likely effects on the historic environment (SA objective 13) in the SA Report. The scores expected on **SA objective 13** have been based on information provided by Historic England. In line with the agreed assumptions of the SA the allocation of sites which have been identified as 'yellow' by Historic England "could impact on a designated heritage asset but ... development is unlikely to result in harm to that asset if the development accords with the

anticipated Local Plan policies for managing change to the historic environment” meaning an uncertain minor negative effect is expected. The allocation of sites which are identified as “orange” by Historic England would have an uncertain effect on the historic environment.

- 1.15 Following input from Historic England site H288 has been identified as “yellow” meaning the correct uncertain minor negative effect was initially scored in the SA Report for this SA objective. Sites H288a, H68, SL2170A and SL2170B were identified by Historic England as “orange” and as such the correct uncertain effect has been scored in the SA Report. No update has therefore been made to any of the effects expected in relation SA objective 13 despite the similarities in the land covered by the sites and differences between sites in terms of the identified expected effects on the historic environment.

Amendments to the SA Report following the appropriate changes to the expected sustainability effects

- 1.16 Changes which have been identified in relation to the expected sustainability effects for sites H288, H288a and SL2170A mean that amendments to the October 2016 SA Report for Kirklees Local Plan: Publication Draft and Non-Technical Summary will be required. The changes to the relevant sections and tables are detailed below.
- 1.17 **Chapter 4** of the SA Report for Kirklees Local Plan: Publication Draft summarises the likely effects of the residential site options considered. At **paragraph 4.37** (which addresses the expected effects of the residential sites on SA objective 6) it is stated that:
- “of the 982 residential site options, 88 (9%) are likely to have either an entirely or partly significant positive effect on access to services because either all or part of the site (where levels of access vary) is within 0-5 minutes journey time (via non-car based modes of transport) of a local centre and are within 0-15 minutes of a town/district centre”*
- 1.18 This text should be adjusted to reflect the changes to the expected effects of residential site H288a to read:
- “of the 982 residential site options, 87 (9%) are likely to have either an entirely or partly significant positive effect on access to services because either all or part of the site (where levels of access vary) is within 0-5 minutes journey time (via non-car based modes of transport) of a local centre and are within 0-15 minutes of a town/district centre”*
- 1.19 A similar change will be need to be reflected at **paragraph 4.38** which relates to SA objective 6 and states:
- “Ninety eight (10%) of the residential site options are likely to have either an entirely or partly significant negative effect on this SA objective as they are either entirely or partly more than 15 minutes from a local centre and more than 30 minutes from a town/district centre”*
- 1.20 This text should be adjusted to reflect the changes to the expected effects of residential site SL2170A to read:
- “Ninety seven (10%) of the residential site options are likely to have either an entirely or partly significant negative effect on this SA objective as they are either entirely or partly more than 15 minutes from a local centre and more than 30 minutes from a town/district centre”*
- 1.21 **Paragraph 4.46** of the SA Report states that:
- “Of the 982 residential site options, 169 (17%) are larger than 5ha in size and will have a significant positive effect on SA objective 9”*
- 1.22 This text will need to be updated to reflect the changes in relation to expected effects of residential site H288 to read:
- “Of the 982 residential site options, 168 (17%) are larger than 5ha in size and will have a significant positive effect on SA objective 9”*
- 1.23 A change will also be required at **paragraph 4.56** of the SA Report (which relates to the expected scores for SA objective 11) which states that:
- “Of the 982 residential site options, 161 (16%) are likely to have a significant negative effect, because they are relatively large in size (over 5ha) and are entirely or mainly on greenfield land”*

- 1.24 As a result of the update to the expected effects of residential site H288 on SA objective 11 this paragraph should be amended as follows:
- "Of the 982 residential site options, 160 (16%) are likely to have a significant negative effect, because they are relatively large in size (over 5ha) and are entirely or mainly on greenfield land"*
- 1.25 One final change within Chapter 4 will be required at **paragraph 4.60** which currently states:
- "Of the 982 residential site options, 162 (16%) are large sites (over 5ha) and are entirely or mainly on greenfield land and therefore may have a significant negative effect on this objective. A further 711 sites (72%) may have a minor negative effect as they are small in size but are entirely or mainly on greenfield"*
- 1.26 Following the reappraisal of residential site H288 paragraph 4.60 should now be adjusted to reflect the change to the expected effect of this site on SA objective 12 from significant negative to minor negative. As such this paragraph should now read:
- "Of the 982 residential site options, 161 (16%) are large sites (over 5ha) and are entirely or mainly on greenfield land and therefore may have a significant negative effect on this objective. A further 712 sites (72%) may have a minor negative effect as they are small in size but are entirely or mainly on greenfield"*
- 1.27 The changes to the likely sustainability effects of the individual sites in question will also influence the identification of sites with one or more significant negative effect. As a result the text at **paragraph 4.93** will need to be updated. This paragraph currently reads:
- "A total of 337 site options (34% of the total) are likely to have a significant negative effect on only one SA objective"*
- 1.28 Following the amendments to the expected sustainability effects of site H288, it is identified that one additional site considered in the SA is likely to have a significant negative effect on only one SA objective. As such this paragraph should now be updated to read:
- "A total of 338 site options (34% of the total) are likely to have a significant negative effect on only one SA objective"*
- 1.29 The paragraphs which would be subject to amendment refer to maps which show the sites which would have respective significant negative and significant positive effects on SA objectives 6, 9, 11 and 12. Following the amendments to the SA scores for sites H288, H288a and SL21710A adjustments should be made to **Map R8** (residential sites with expected positive effects on SA objective 6), **Map R9** (residential sites with expected negative effects on SA objective 6), **Map R11** (residential sites with expected positive effects on SA objective 9), **Map R15** (residential sites with expected negative effects on SA objective 11) and **Map R16** (residential sites with expected negative effects on SA objective 12). As significant positive and negative effects have no longer been identified for these sites their locations should be removed from the respective maps as follows:
- Map R8 remove H288a
 - Map R9 remove SL2170A
 - Map R11 remove H288
 - Map R15 remove H288
 - Map R16 remove H288
- 1.30 As a result of the amendments of the likely effects of H288, H288a and SL2170A on the SA objectives as identified in **Table 1** of this document the summary of scores included within the summary of all residential sites subject to SA will need to be adjusted. This summary of scores has been presented in **Table 4.1** of the SA Report. Changes required to this summary table are presented below in **Table 2**.

Table 2: Changes to the summary of SA scores for all 982 residential site options (Table 4.1 in the SA Report)

Site code	SA objectives																		
	1: Employment	2: Economy	3: Education	4: Health	5: Amenity	6: Services and Facilities	7: Crime	8: Recreation	9: Housing	10: Sustainable Transport	11: Efficient land use	12: Landscape	13: Historic Environment	14: Biodiversity and geodiversity	15: Pollution:	16: Flooding	17: Waste	18: Efficient use of materials	19: Climate change
H288	--	0	+?	-	-	-	0	++	+	+	-	-?	-?	-?	0	-	-	0	+
H288a	--	0	+?	-	-	-	0	++	+	+	-	-?	?	-?	0	-	-	0	+
SL2170A	--	0	+?/-?	-/--	-	-	0	++	+	+	-	-?	?	-?	0	-	-	0	+

- 1.31 The amendment of some of the likely effects of H288, H288a and SL2170A on the SA objectives as identified in **Table 1** of this document means that changes will result in the cumulative effects of all of the sites that are included as allocations in the Publication Draft Local Plan (Allocations and Designations document), as presented in **Table 12.19** of the SA Report. Of the sites which have been subject to changes to the expected sustainability effects following reappraisal, H288a and SL2170A are included for allocation. As such the changes to expected cumulative effects identified for allocated sites will relate to these sites. The changes which will be required in Table 12.19 of the SA Report are shown in bold overleaf in **Table 3**.

Table 3: Changes to the SA scores for the Allocated Sites (Table 12.19 in the SA Report)

Site code	SA objectives																		
	1: Employment	2: Economy	3: Education	4: Health	5: Amenity	6: Services and Facilities	7: Crime	8: Recreation	9: Housing	10: Sustainable Transport	11: Efficient land use	12: Landscape	13: Historic Environment	14: Biodiversity and geodiversity	15: Pollution:	16: Flooding	17: Waste	18: Efficient use of materials	19: Climate change
H288a	-	0	+?	-	-	-	0	++	+	+	-	-?	?	-?	0	-	-	0	+
SL2170A	-	0	+?/-?	-/--	-	-	0	++	+	+	-	-?	?	-?	0	-	-	0	+

1.32 As a result of the amendments to the expected sustainability effects of sites H288, H288a and SL2170A and the subsequent updates which are required to the SA Report for Publication Draft Kirklees Local Plan these updates will need to be carried through to the SA Report: Non-Technical Summary where relevant. As the Non-Technical Summary presents only the main findings of the SA Report and does not contain the in-depth findings of this report only one update will be required to be made following the reappraisal of the sites in question. **Paragraph 1.67** of the Non-Technical Summary reads:

"A total of 337 site options (34% of the total) are likely to have a significant negative effect on only one SA objective"

1.33 Following the reappraisal of site H288 one additional site considered in the SA is now likely have a significant negative effect on only one SA objective. Paragraph 1.67 of the Non-Technical Summary should now be amended as follows:

"A total of 338 site options (34% of the total) are likely to have a significant negative effect on only one SA objective"

1.34 The changes detailed in this Erratum notice should be considered in relation to the Sustainability Appraisal (SA) Report (October 2016) (including Annex 1) and Non-Technical Summary as published on the Council's website.

LUC

November 2016

Appendix 1: Matrices for Reappraised Residential Sites

H288: Dunford Road, Hade Edge, Holmfirth (not allocated in the Publication Draft Local Plan)

SA Objectives	SA Score	Justification
1: Increase the number and range of employment opportunities available for local people, and ensure that they are accessible.	--	<p>While the location of housing sites will not influence the number, location or type of employment opportunities available in Kirklees, the proximity of housing to employment nodes can affect people's ability to access jobs.</p> <p>This site is within 56-60 minutes travel time of the nearest employment node; therefore a significant negative effect on this objective is expected.</p>
2. Achieve an economy better capable of growth through increasing investment, innovation and Entrepreneurship.	0	<p>The location of housing sites will not affect the success of the local economy. While housing development may result in job creation during the construction phase, this will not be influenced by the location of the development. Housing provision may also affect the size and location of the local workforce; however this is considered separately under SA objective 1 above. Therefore, the effects of all residential site options will be negligible.</p>
3. Ensure education facilities are available to all.	+?	<p>The availability of school and college places to serve the growing population will depend in part on whether new places are provided as part of new housing developments, which is unknown at this stage. Effects will also depend on how accessible existing schools and colleges are from residential site options, although there are uncertainties as the effects will depend on there being capacity at those schools and colleges to accommodate new pupils.</p> <p>The north western part of this site is within 5 minutes travel time of a primary school; however the eastern part is within 11-15 minutes travel time. In between, journey times vary between these extremes. The majority of the site is within 26-30 minutes travel time of a secondary school (although an area to the south is within 31-35 minutes). A minor positive effect is therefore likely, as despite variances the whole site is within 15 minutes of a primary school.</p>
4. Improve the health of local people and ensure that they can access the health and social care they need.	-	<p>The location of housing sites will not affect the number or location of healthcare facilities; however where healthcare facilities are easily accessible from housing sites there will be positive effects on residents' health.</p> <p>The majority of this site is within 21-25 minutes travel time of a GP (although an area to the east is within 26-30 minutes) and the whole site is over an hour travel time from a hospital; therefore a minor negative effect is likely. The site is not within or adjacent to an AQMA.</p>
5. Protect local amenity including avoiding noise and light pollution.	-	<p>Where new residential development is proposed within close proximity of sensitive receptors there may be negative effects on amenity as a result of increased noise and light pollution, particularly during the construction phase. New residential development within close proximity of major roads or railways or industrial areas may result in noise pollution affecting residents in the longer term.</p> <p>This site is not surrounded by existing residential development; however there are a number of sensitive receptors within 100m of the western and part of the eastern site boundary, which may be affected by noise during the construction phase. A minor negative effect on this SA objective is therefore likely.</p>

SA Objectives	SA Score	Justification
6. Retain and enhance access to local services and facilities.	-	<p>The location of housing sites will not directly affect the number or range of services in a particular location (although a large scale housing development could potentially stimulate the provision of new services); however the location of housing sites could affect this objective by influencing people's ability to access existing services and facilities.</p> <p>The majority of this site is within 16-20 minutes travel time of a local centre, although a very small area to the south east is within 21-25 minutes. The western side of the site is also within 16-20 minutes travel time of a town/district centre; however an area in the east of the site is within 26-30 minutes. In between, journey times vary between these extremes. Despite these variances a minor negative effect is likely across the whole site.</p>
7. Make our communities safer by reducing crime, anti-social behaviour and the fear of crime.	0	The effects of new housing developments on levels of crime and fear of crime will depend on factors such as the incorporation of green space within the housing sites which, depending on design and the use of appropriate lighting, could have an effect on perceptions of personal safety, particularly at night. However, such issues will not be influenced by the location of housing sites (rather they will be determined through the detailed proposals for each site) and so the effects of all of the potential residential sites on this SA objective will be negligible.
8. Protect and enhance existing and support the provision of new recreation facilities and areas of open space and encourage their usage.	++	The site is within close proximity of a number of designated open spaces which may be used by new residents in the area. A church ground is located within 10m of the site to the west. Two areas which include outdoor sports facilities are located to the east and north east of the site within 10m and 270m respectively. Two further areas of outdoor sports facilities are located to the north west and west of the site within 130m and 475m respectively. To the north west of the site, a park and children and young people's space can be found within 95m. The closest PRow to the site is located within 165m to the west. As such a significant positive effect is recorded for this SA objective.
9. Ensure all people are able to live in a decent home which meets their needs.	+	All of the potential residential sites are expected to have positive effects on this objective, due to the nature of the proposed development and it is assumed that housing developments will include an appropriate proportion of affordable housing. This site is relatively large (2.92ha); therefore a minor positive effect is likely.
10. Secure an effective and safe transport network which encourages people to make use of sustainable and active modes of transport.	+	<p>How well connected housing sites are to services, facilities and employment opportunities by sustainable modes of transport will affect the extent to which residents are able to make use of non car-based modes of transport day to day.</p> <p>In the accessibility heat mapping work that was undertaken for Kirklees Council, this site was classed as 'green' in terms of its access to one of the eight features assessed. Therefore, a minor positive effect is likely.</p>
11. Secure the efficient and prudent use of land.	-	<p>Where development takes place on greenfield land or areas of high quality agricultural land it is a less efficient use of land than development on brownfield sites or sites of lower quality agricultural land.</p> <p>This is a relatively large site (2.92ha) on greenfield land; therefore a minor negative effect on this SA objective is likely.</p>
12. Protect and enhance the character of Kirklees and the quality of the landscape and townscape.	-?	This is a relatively large site (2.92ha) on greenfield land; therefore development here could have a minor negative effect on this SA objective although this is uncertain depending on the design of the development.

SA Objectives	SA Score	Justification
		<p>The site is not within 500m of the Peak District National Park.</p> <p>The site lies in LCA D7: Peak Fringe Upland Pastures, as identified in the 2015 Landscape Character Assessment for Kirklees. This is a broad terrace, comprising small square fields and is sparsely wooded. The settlement pattern is dispersed and there is a strongly rural, traditional agricultural character, although perceptions of tranquillity reduce closer to Huddersfield in the east.</p>
13. Conserve and enhance the historic environment, heritage assets and their settings.	-?	<p>Historic England has rated this site as 'yellow' in terms of the potential for effects on the historic environment. The allocation of this site could impact on Hade Edge Methodist Church and the adjacent Sunday School, which are Grade II Listed Buildings located to the west of the site; however its development is unlikely to result in harm to these buildings if the development accords with the anticipated Local Plan policies for managing changes to the historic environment.</p> <p>The effect on this SA objective is therefore likely to be minor negative but uncertain, as the potential for effects on cultural heritage assets will depend on the exact scale, design and layout of the new development.</p>
14. Maximise opportunities to protect and enhance biodiversity and geodiversity.	-?	<p>This site is located within 330m of the Wild Boar Clough candidate Local Wildlife Site which is to the east and within 825m of the Morton Wood Local Wildlife Site which is to the north east. The close proximity of the site to these designated biodiversity features may result in potential detrimental impacts, e.g. through habitat damage/loss, fragmentation, disturbance to species, air pollution, trampling etc. and as such a minor negative effect is recorded for this SA objective. The effect is recorded as uncertain given that there may be opportunities to incorporation appropriate mitigation measures and promote habitat connectivity through the inclusion of green infrastructure with any development</p>
15. Reduce air, water and soil pollution.	0	This site is not within an AQMA; therefore a negligible effect on this SA objective is likely.
16. Prevent inappropriate new development in flood risk areas and ensure development does not contribute to increased flood risk for existing property and people.	-	This site is on greenfield land and is outside of flood zones 2 and 3; therefore a minor negative effect is likely.
17. Increase prevention, re-use, recovery and recycling of waste close to source.	-	<p>Where housing development is proposed on brownfield land, there may be good opportunities for using existing buildings and materials although this is uncertain depending on the previous use of the site.</p> <p>This site is on greenfield land; therefore a minor negative effect is likely.</p>
18. Increase efficiency in water, energy and raw material use.	0	While all new residential development is likely to involve an increase in energy and water consumption this will not be influenced by the location of residential sites. Similarly, all residential development will result in the increased consumption of minerals for construction but this will not be influenced by the location of residential sites. Therefore, all sites will have a negligible effect on this SA objective.
19. Reduce the contribution that	+	The location of residential development will not affect the contribution that the buildings make to climate change,

SA Objectives	SA Score	Justification
the district makes to climate change.		<p>which will be influenced by other factors such the design of the buildings. However, where residential sites are well-connected by sustainable transport links to employment nodes, services and facilities, levels of car use and the associated greenhouse gas emissions are likely to be lower.</p> <p>In the accessibility heat mapping work that was undertaken for Kirklees Council, this site was classed as 'green' in terms of its access to one of the eight features assessed. Therefore, a minor positive effect is likely.</p>
Potential significant positive effects were identified for this site in relation to SA objective 8: leisure and recreation and potential significant negative effects were identified in relation to SA objective 1: employment. These issues will need to be considered further in terms of mitigation and/or enhancement, which may be achieved through Local Plan policies.		

H288a (allocated in the Publication Draft Local Plan)

SA Objectives	SA Score	Justification
1: Increase the number and range of employment opportunities available for local people, and ensure that they are accessible.	--	<p>While the location of housing sites will not influence the number, location or type of employment opportunities available in Kirklees, the proximity of housing to employment nodes can affect people's ability to access jobs.</p> <p>The site is located 56-60 minutes travel time from the nearest employment node; therefore a significant negative effect on this SA objective is predicted</p>
2. Achieve an economy better capable of growth through increasing investment, innovation and Entrepreneurship.	0	The location of housing sites will not affect the success of the local economy. While housing development may result in job creation during the construction phase, this will not be influenced by the location of the development. Housing provision may also affect the size and location of the local workforce; however this is considered separately under SA objective 1 above. Therefore, the effects of all residential site options will be negligible.
3. Ensure education facilities are available to all.	+?	<p>The availability of school and college places to serve the growing population will depend in part on whether new places are provided as part of new housing developments, which is unknown at this stage. Effects will also depend on how accessible existing schools and colleges are from residential site options, although there are uncertainties as the effects will depend on there being capacity at those schools and colleges to accommodate new pupils.</p> <p>Most of the site is located within 6-10 minutes travel time of a primary school (although a section of the site to the north east is within 5 minutes travel time from a primary school) and mainly within 26-30 minutes travel time of a secondary school (although a small section along the southern site boundary is within 31-35 minutes travel time of a secondary school) so is likely to have a minor positive effect on this SA objective.</p>
4. Improve the health of local people and ensure that they can access the health and social care they need.	-	<p>The location of housing sites will not affect the number or location of healthcare facilities; however where healthcare facilities are easily accessible from housing sites there will be positive effects on residents' health.</p> <p>Most of the site is located mainly within 21-25 minutes travel time of a GP (although a small section along the south-eastern corner of the site is within 26-30 minutes travel time) and within over 60 minutes travel time of a hospital; therefore a minor negative effect is likely on this SA objective.</p>

SA Objectives	SA Score	Justification
5. Protect local amenity including avoiding noise and light pollution.	-	<p>Where new residential development is proposed within close proximity of sensitive receptors there may be negative effects on amenity as a result of increased noise and light pollution, particularly during the construction phase. New residential development within close proximity of major roads or railways or industrial areas may result in noise pollution affecting residents in the longer term.</p> <p>This site is adjacent to existing residential properties to the east on Abbey Close and Greave Road. These properties may be affected by noise during the construction phase. A minor negative effect on this SA objective is therefore likely.</p>
6. Retain and enhance access to local services and facilities.	-	<p>The location of housing sites will not directly affect the number or range of services in a particular location (although a large scale housing development could potentially stimulate the provision of new services); however the location of housing sites could affect this objective by influencing people's ability to access existing services and facilities.</p> <p>Most of the site is located mainly within 16-20 minutes travel time of a local and town / district centre (although a small section within the southern half of the site is within 21-25 minutes travel time); therefore a minor negative effect is likely.</p>
7. Make our communities safer by reducing crime, anti-social behaviour and the fear of crime.	0	The effects of new housing developments on levels of crime and fear of crime will depend on factors such as the incorporation of green space within the housing sites which, depending on design and the use of appropriate lighting, could have an effect on perceptions of personal safety, particularly at night. However, such issues will not be influenced by the location of housing sites (rather they will be determined through the detailed proposals for each site) and so the effects of all of the potential residential sites on this SA objective will be negligible.
8. Protect and enhance existing and support the provision of new recreation facilities and areas of open space and encourage their usage.	++	The site is within close proximity of a number of designated open spaces which may be used by new residents in the area. A church ground is located within 10m of the site to the west. Two areas which include outdoor sports facilities are located to the east and north east of the site within 135m and 360m respectively. Two further areas of outdoor sports facilities are located to the north west and west of the site within 130m and 475m respectively. To the north west of the site, a park and children and young people's space can be found within 95m. The closest PRoW to the site is located within 165m to the west. As such a significant positive effect is recorded for this SA objective.
9. Ensure all people are able to live in a decent home which meets their needs.	+	All of the potential residential sites are expected to have positive effects on this objective, due to the nature of the proposed development and it is assumed that housing developments will include an appropriate proportion of affordable housing. This site is relatively small (2.5ha); therefore a minor positive effect is likely.
10. Secure an effective and safe transport network which encourages people to make use of sustainable and active modes of transport.	+	<p>How well connected housing sites are to services, facilities and employment opportunities by sustainable modes of transport will affect the extent to which residents are able to make use of non car-based modes of transport day to day.</p> <p>In the accessibility heat mapping work that was undertaken for Kirklees Council, this site was classed as mostly 'green' in terms of its access to one of the eight features assessed. Therefore, a minor positive effect is likely.</p>
11. Secure the efficient and prudent	-	Where development takes place on greenfield land or areas of high quality agricultural land it is a less efficient

SA Objectives	SA Score	Justification
use of land.		<p>use of land than development on brownfield sites or sites of lower quality agricultural land.</p> <p>This is a relatively small site (2.5ha) on greenfield land; therefore a minor negative effect on this SA objective is likely.</p>
12. Protect and enhance the character of Kirklees and the quality of the landscape and townscape.	-?	<p>This is a relatively small site (2.5ha) on greenfield land; therefore development here could have a minor negative effect on this SA objective although this is uncertain depending on the design of the development.</p> <p>The site is not within close proximity of the Peak District National Park.</p> <p>The site lies in LCA D7: Peak Fringe Upland Pastures, as identified in the 2015 Landscape Character Assessment for Kirklees. This is a broad terrace, comprising small square fields and is sparsely wooded. The settlement pattern is dispersed and there is a strongly rural, traditional agricultural character, although perceptions of tranquillity reduce closer to Huddersfield in the east</p>
13. Conserve and enhance the historic environment, heritage assets and their settings.	?	<p>Historic England has rated this site as 'orange' in terms of the potential for effects on the historic environment. The effect on this SA objective is therefore uncertain and the potential for effects on cultural heritage assets will depend on the exact scale, design and layout of the new development.</p>
14. Maximise opportunities to protect and enhance biodiversity and geodiversity.	-?	<p>This site is located within 450m of the Wild Boar Clough candidate Local Wildlife Site which is to the east and within 820m of the Morton Wood Local Wildlife Site which is to the north east. The close proximity of the site to these designated biodiversity features may result in potential detrimental impacts, e.g. through habitat damage/loss, fragmentation, disturbance to species, air pollution, trampling etc. and as such a minor negative effect is recorded for this SA objective. The effect is recorded as uncertain given that there may be opportunities to incorporate appropriate mitigation measures and promote habitat connectivity through the inclusion of green infrastructure with any development.</p>
15. Reduce air, water and soil pollution.	0	<p>This site is not within an AQMA; therefore a negligible effect on this SA objective is likely.</p>
16. Prevent inappropriate new development in flood risk areas and ensure development does not contribute to increased flood risk for existing property and people.	-	<p>This site is on greenfield land and is located outside of flood zones 2 and 3; therefore a minor negative effect is likely given that the development of new housing on this greenfield land would increase the area of impermeable surfaces and could therefore increase overall flood risk in Kirklees.</p>
17. Increase prevention, re-use, recovery and recycling of waste close to source.	-	<p>Where housing development is proposed on brownfield land, there may be good opportunities for using existing buildings and materials although this is uncertain depending on the previous use of the site.</p> <p>This site is on greenfield land; therefore a minor negative effect is likely.</p>

SA Objectives	SA Score	Justification
18. Increase efficiency in water, energy and raw material use.	0	While all new residential development is likely to involve an increase in energy and water consumption this will not be influenced by the location of residential sites. Similarly, all residential development will result in the increased consumption of minerals for construction but this will not be influenced by the location of residential sites. Therefore, all sites will have a negligible effect on this SA objective.
19. Reduce the contribution that the district makes to climate change.	+	<p>The location of residential development will not affect the contribution that the buildings make to climate change, which will be influenced by other factors such the design of the buildings. However, where residential sites are well-connected by sustainable transport links to employment nodes, services and facilities, levels of car use and the associated greenhouse gas emissions are likely to be lower.</p> <p>This site is classed as mostly 'green' in terms of its access to one of the eight features assessed; therefore a minor positive effect is likely.</p>
Potential significant positive effects were identified for this site in relation to SA objective 8: leisure and recreation and potential significant negative effects were identified in relation to SA objective 1: employment. These issues will need to be considered further in terms of mitigation and/or enhancement, which may be achieved through Local Plan policies.		

H68: POL Dunford Road, Hade Edge, Holmfirth (not allocated in the Publication Draft Local Plan)

SA Objectives	SA Score	Justification
1: Increase the number and range of employment opportunities available for local people, and ensure that they are accessible.	--	<p>While the location of housing sites will not influence the number, location or type of employment opportunities available in Kirklees, the proximity of housing to employment nodes can affect people's ability to access jobs.</p> <p>The majority of the site is within 56-60 minutes travel time of the nearest employment node (within an area to the south over 60 minutes); therefore a significant negative effect on this objective is expected.</p>
2. Achieve an economy better capable of growth through increasing investment, innovation and Entrepreneurship.	0	The location of housing sites will not affect the success of the local economy. While housing development may result in job creation during the construction phase, this will not be influenced by the location of the development. Housing provision may also affect the size and location of the local workforce; however this is considered separately under SA objective 1 above. Therefore, the effects of all residential site options will be negligible.
3. Ensure education facilities are available to all.	+?/-?	<p>The availability of school and college places to serve the growing population will depend in part on whether new places are provided as part of new housing developments, which is unknown at this stage. Effects will also depend on how accessible existing schools and colleges are from residential site options, although there are uncertainties as the effects will depend on there being capacity at those schools and colleges to accommodate new pupils.</p> <p>Levels of access to education facilities vary throughout this site. The most accessible part of the site is an area in the north west which is within 5 minutes travel time of the nearest primary school and 21-25 minutes of a secondary school. The least accessible part of the site is the south eastern edge which is within 16-20 minutes</p>

SA Objectives	SA Score	Justification
		travel time of the nearest primary school and within 41-45 minutes of a secondary school. In between those areas journey times to education facilities vary in between those two extremes. Therefore a mixed effect is expected for this objective: potentially minor positive for the north western part and potentially minor negative for the south eastern edge of the site. Travel times to the nearest further education institute also vary across the site.
4. Improve the health of local people and ensure that they can access the health and social care they need.	-/--	<p>The location of housing sites will not affect the number or location of healthcare facilities; however where healthcare facilities are easily accessible from housing sites there will be positive effects on residents' health.</p> <p>Levels of access to healthcare facilities vary throughout this site. The most accessible part of the site is the north west which is within 21-25 minutes travel time of the nearest GP and over 60 minutes from a hospital. The least accessible part of the site is the south eastern edge which is within 31-35 minutes of a GP and over 60 minutes from a hospital. In between those areas journey times to healthcare facilities vary in between those two extremes. Therefore a mixed effect is likely for this objective; minor negative for the north west and significant negative for the south eastern edge of the site. The site is not within or adjacent to an AQMA.</p>
5. Protect local amenity including avoiding noise and light pollution.	-	<p>Where new residential development is proposed within close proximity of sensitive receptors there may be negative effects on amenity as a result of increased noise and light pollution, particularly during the construction phase. New residential development within close proximity of major roads or railways or industrial areas may result in noise pollution affecting residents in the longer term.</p> <p>There are a number of existing residential properties within close proximity to the north and west of the site which may be affected by noise during the construction phase. A minor negative effect on this SA objective is therefore likely.</p>
6. Retain and enhance access to local services and facilities.	-/--	<p>The location of housing sites will not directly affect the number or range of services in a particular location (although a large scale housing development could potentially stimulate the provision of new services); however the location of housing sites could affect this objective by influencing people's ability to access existing services and facilities.</p> <p>Levels of access to local and town/district services and facilities vary throughout this site. The most accessible part of the site is the northern part which is within 16-20 minutes of both the nearest local centre and town/district centre. The least accessible part of the site is the south eastern edge which is within 36-40 minutes of the nearest local centre and within 31-35 minutes of a town/district centre. In between those areas journey times to local services and facilities vary in between those two extremes. Therefore a mixed effect is expected for this objective; minor negative for the northern part and significant negative for the south eastern edge of the site.</p>
7. Make our communities safer by reducing crime, anti-social behaviour and the fear of crime.	0	The effects of new housing developments on levels of crime and fear of crime will depend on factors such as the incorporation of green space within the housing sites which, depending on design and the use of appropriate lighting, could have an effect on perceptions of personal safety, particularly at night. However, such issues will not be influenced by the location of housing sites (rather they will be determined through the detailed proposals for each site) and so the effects of all of the potential residential sites on this SA objective will be negligible.

SA Objectives	SA Score	Justification
8. Protect and enhance existing and support the provision of new recreation facilities and areas of open space and encourage their usage.	++	The site is within close proximity of a number of designated open spaces which may be used by new residents in the area. A church ground is located within 10m of the site to the west. Two areas which include outdoor sports facilities are located to the east and north east of the site within 135m and 360m respectively. Two further areas of outdoor sports facilities are located to the north west and west of the site within 105m and 475m respectively. To the north west of the site, a park and children and young people's space can be found within 20m. The closest PRow to the site is located adjacent to the site by its south western corner. As such a significant positive effect is recorded for this SA objective.
9. Ensure all people are able to live in a decent home which meets their needs.	++	All of the potential residential sites are expected to have positive effects on this objective, due to the nature of the proposed development and it is assumed that housing developments will include an appropriate proportion of affordable housing. This site is relatively large (5.79ha); therefore a minor positive effect is likely.
10. Secure an effective and safe transport network which encourages people to make use of sustainable and active modes of transport.	+	How well connected housing sites are to services, facilities and employment opportunities by sustainable modes of transport will affect the extent to which residents are able to make use of non car-based modes of transport day to day. In the accessibility heat mapping work that was undertaken for Kirklees Council, this site was classed as mainly or entirely 'green' in terms of its access to one of the eight features assessed. Therefore, a minor positive effect is likely.
11. Secure the efficient and prudent use of land.	--	Where development takes place on greenfield land or areas of high quality agricultural land it is a less efficient use of land than development on brownfield sites or sites of lower quality agricultural land. This is a relatively large site (5.79ha) on greenfield land; therefore a significant negative effect on this SA objective is likely. The site is not within high quality agricultural land (the land is classed as grade 4).
12. Protect and enhance the character of Kirklees and the quality of the landscape and townscape.	--?	This is a relatively large site (5.79ha) on greenfield land; therefore development here could have a significant negative effect on this SA objective although this is uncertain depending on the design of the development. The site is not within close proximity of the Peak District National Park. The site lies in LCA D7: Peak Fringe Upland Pastures, as identified in the 2015 Landscape Character Assessment for Kirklees. This is a broad terrace, comprising small square fields and is sparsely wooded. The settlement pattern is dispersed and there is a strongly rural, traditional agricultural character, although perceptions of tranquillity reduce closer to Huddersfield in the east.
13. Conserve and enhance the historic environment, heritage assets and their settings.	?	Historic England has rated this site as 'orange' in terms of the potential for effects on the historic environment, due to the uncertain potential impacts on the Hade Edge Methodist Chapel and the adjacent Sunday School which are Grade II Listed Buildings. The loss of this area and its subsequent development could harm elements which contribute to the significance of these buildings. The effect on this SA objective is therefore uncertain and the potential for effects on cultural heritage assets will

SA Objectives	SA Score	Justification
		depend on the exact scale, design and layout of the new development.
14. Maximise opportunities to protect and enhance biodiversity and geodiversity.	-?	This site is located within 330m of the Wild Boar Clough candidate Local Wildlife Site which is to the east, within 825m of the Morton Wood Local Wildlife Site which is to the north east and within 870m of Peak District Moors (South Pennine Moors Phase 1) SPA, South Pennine Moors SAC and Dark Peak SSSI which are to the south west. The close proximity of the site to these designated biodiversity features may result in potential detrimental impacts, e.g. through habitat damage/loss, fragmentation, disturbance to species, air pollution, trampling etc. and as such a minor negative effect is recorded for this SA objective. The effect is recorded as uncertain given that there may be opportunities to incorporation appropriate mitigation measures and promote habitat connectivity through the inclusion of green infrastructure with any development.
15. Reduce air, water and soil pollution.	0	This site is not within an AQMA; therefore a negligible effect on this SA objective is likely.
16. Prevent inappropriate new development in flood risk areas and ensure development does not contribute to increased flood risk for existing property and people.	-	The majority of the site is on greenfield land and is outside of flood zones 2 and 3. Therefore a minor negative effect is likely.
17. Increase prevention, re-use, recovery and recycling of waste close to source.	-	Where housing development is proposed on brownfield land, there may be good opportunities for using existing buildings and materials although this is uncertain depending on the previous use of the site. The majority of the site is on greenfield land; therefore a minor negative effect is likely.
18. Increase efficiency in water, energy and raw material use.	0	While all new residential development is likely to involve an increase in energy and water consumption this will not be influenced by the location of residential sites. Similarly, all residential development will result in the increased consumption of minerals for construction but this will not be influenced by the location of residential sites. Therefore, all sites will have a negligible effect on this SA objective.
19. Reduce the contribution that the district makes to climate change.	+	The location of residential development will not affect the contribution that the buildings make to climate change, which will be influenced by other factors such the design of the buildings. However, where residential sites are well-connected by sustainable transport links to employment nodes, services and facilities, levels of car use and the associated greenhouse gas emissions are likely to be lower. In the accessibility heat mapping work that was undertaken for Kirklees Council, this site was classed as mainly or entirely 'green' in terms of its access to one of the eight features assessed; therefore a minor positive effect is likely.
Potential significant positive effects were identified for this site in relation to SA objective 8: leisure and recreation and 9: housing and potential significant negative effects were identified in relation to SA objective 1: employment, 4: health (as part of an overall mixed effect), 6: access to local services and facilities (as part of an overall mixed effect), 11: land use and 12: landscape and townscape. These issues will need to be considered further in terms of mitigation and/or enhancement, which may be achieved through Local Plan policies.		

SL2170a (safeguarded in the Publication Draft Local Plan)

SA Objectives	SA Score	Justification
1: Increase the number and range of employment opportunities available for local people, and ensure that they are accessible.	--	<p>While the location of housing sites will not influence the number, location or type of employment opportunities available in Kirklees, the proximity of housing to employment nodes can affect people's ability to access jobs.</p> <p>The majority of the site is within 56-60 minutes travel time of the nearest employment node (within an area to the south over 60 minutes); therefore a significant negative effect on this objective is expected.</p>
2. Achieve an economy better capable of growth through increasing investment, innovation and Entrepreneurship.	0	<p>The location of housing sites will not affect the success of the local economy. While housing development may result in job creation during the construction phase, this will not be influenced by the location of the development. Housing provision may also affect the size and location of the local workforce; however this is considered separately under SA objective 1 above. Therefore, the effects of all residential site options will be negligible.</p>
3. Ensure education facilities are available to all.	+?/-?	<p>The availability of school and college places to serve the growing population will depend in part on whether new places are provided as part of new housing developments, which is unknown at this stage. Effects will also depend on how accessible existing schools and colleges are from residential site options, although there are uncertainties as the effects will depend on there being capacity at those schools and colleges to accommodate new pupils.</p> <p>Levels of access to education facilities vary throughout this site. The most accessible part of the site is an area in the west which is within 6-10 minutes travel time of the nearest primary school and 21-25 minutes of a secondary school. The least accessible part of the site is the south eastern edge which is within 16-20 minutes travel time of the nearest primary school and within 41-45 minutes of a secondary school. In between those areas journey times to education facilities vary in between those two extremes. Therefore a mixed effect is expected for this objective: potentially minor positive for the north western part and potentially minor negative for the south eastern edge of the site. Travel times to the nearest further education institute also vary across the site.</p>
4. Improve the health of local people and ensure that they can access the health and social care they need.	-/--	<p>The location of housing sites will not affect the number or location of healthcare facilities; however where healthcare facilities are easily accessible from housing sites there will be positive effects on residents' health.</p> <p>Levels of access to healthcare facilities vary throughout this site. The most accessible part of the site is the north west which is within 21-25 minutes travel time of the nearest GP and over 60 minutes from a hospital. The least accessible part of the site is the south eastern edge which is within 31-35 minutes of a GP and over 60 minutes from a hospital. In between those areas journey times to healthcare facilities vary in between those two extremes. Therefore a mixed effect is likely for this objective; minor negative for the north west and significant negative for the south eastern edge of the site. The site is not within or adjacent to an AQMA.</p>
5. Protect local amenity including avoiding noise and light pollution.	-	<p>Where new residential development is proposed within close proximity of sensitive receptors there may be negative effects on amenity as a result of increased noise and light pollution, particularly during the construction phase. New residential development within close proximity of major roads or railways or industrial areas may result in noise pollution affecting residents in the longer term.</p>

SA Objectives	SA Score	Justification
		This site is located in very close proximity of existing residential development to the west at Green Abbey. These residential properties may be affected by noise due to the development of this site, particularly during the construction phase. A minor negative effect on this SA objective is therefore likely.
6. Retain and enhance access to local services and facilities.	-	<p>The location of housing sites will not directly affect the number or range of services in a particular location (although a large scale housing development could potentially stimulate the provision of new services); however the location of housing sites could affect this objective by influencing people's ability to access existing services and facilities.</p> <p>Levels of access to local and town/district services and facilities vary throughout this site. The most accessible part of the site is the north western part which is within 21-25 minutes of the nearest local centre and within 16-20 minutes of the nearest town/district centre. The least accessible part of the site is the south eastern edge which is within 31-35 minutes of the nearest local centre and within 26-30 minutes of a town/district centre. In between those areas journey times to local services and facilities vary in between those two extremes. Therefore an overall minor negative for the entire site is expected on this SA objective.</p>
7. Make our communities safer by reducing crime, anti-social behaviour and the fear of crime.	0	The effects of new housing developments on levels of crime and fear of crime will depend on factors such as the incorporation of green space within the housing sites which, depending on design and the use of appropriate lighting, could have an effect on perceptions of personal safety, particularly at night. However, such issues will not be influenced by the location of housing sites (rather they will be determined through the detailed proposals for each site) and so the effects of all of the potential residential sites on this SA objective will be negligible.
8. Protect and enhance existing and support the provision of new recreation facilities and areas of open space and encourage their usage.	++	The site is within close proximity of a number of designated open spaces which may be used by new residents in the area. A church ground is located within 80m of the site to the north west. Two areas which include outdoor sports facilities are located to the north east of the site within 140m and 415m respectively. Two further areas of outdoor sports facilities are located to the north west of the site within 160m and 470m respectively. To the north west of the site, a park and children and young people's space can be found within 260m. The closest PRoW to the site is located adjacent to the site by its south western corner. As such a significant positive effect is recorded for this SA objective.
9. Ensure all people are able to live in a decent home which meets their needs.	+	All of the potential residential sites are expected to have positive effects on this objective, due to the nature of the proposed development and it is assumed that housing developments will include an appropriate proportion of affordable housing. This site is relatively small (2.24 ha); therefore a minor positive effect is likely.
10. Secure an effective and safe transport network which encourages people to make use of sustainable and active modes of transport.	+	<p>How well connected housing sites are to services, facilities and employment opportunities by sustainable modes of transport will affect the extent to which residents are able to make use of non car-based modes of transport day to day.</p> <p>In the accessibility heat mapping work that was undertaken for Kirklees Council, this site was classed as mainly or entirely 'green' in terms of its access to one of the eight features assessed. Therefore, a minor positive effect is likely.</p>
11. Secure the efficient and prudent	-	Where development takes place on greenfield land or areas of high quality agricultural land it is a less efficient

SA Objectives	SA Score	Justification
use of land.		<p>use of land than development on brownfield sites or sites of lower quality agricultural land.</p> <p>This is a relatively small site (2.24 ha) on mostly greenfield land (it is recognised that a number of smaller buildings which are ancillary to the main farm buildings offsite are located within the site boundary); therefore a minor negative effect on this SA objective is likely. The site has been identified as being located on Grade 4 Agricultural Land.</p>
12. Protect and enhance the character of Kirklees and the quality of the landscape and townscape.	-?	<p>This is a relatively small site (2.24 ha) on mostly greenfield land (it is recognised that a number of smaller buildings which are ancillary to the main farm buildings offsite are located within the site boundary); therefore development here could have a minor negative effect on this SA objective although this is uncertain depending on the design of the development.</p> <p>The site is not within close proximity of the Peak District National Park.</p> <p>The site lies in LCA D7: Peak Fringe Upland Pastures, as identified in the 2015 Landscape Character Assessment for Kirklees. This is a broad terrace, comprising small square fields and is sparsely wooded. The settlement pattern is dispersed and there is a strongly rural, traditional agricultural character, although perceptions of tranquillity reduce closer to Huddersfield in the east.</p>
13. Conserve and enhance the historic environment, heritage assets and their settings.	?	<p>Historic England has rated this site as 'orange' in terms of the potential for effects on the historic environment. The effect on this SA objective is therefore uncertain and the potential for effects on cultural heritage assets will depend on the exact scale, design and layout of the new development.</p>
14. Maximise opportunities to protect and enhance biodiversity and geodiversity.	-?	<p>This site is located within 450m of the Wild Boar Clough candidate Local Wildlife Site which is to the east, within 880m of the Morton Wood Local Wildlife Site which is to the north east and within 870m of Peak District Moors (South Pennine Moors Phase 1) SPA, South Pennine Moors SAC and Dark Peak SSSI which are to the south west. The close proximity of the site to these designated biodiversity features may result in potential detrimental impacts, e.g. through habitat damage/loss, fragmentation, disturbance to species, air pollution, trampling etc. and as such a minor negative effect is recorded for this SA objective. The effect is recorded as uncertain given that there may be opportunities to incorporation appropriate mitigation measures and promote habitat connectivity through the inclusion of green infrastructure with any development.</p>
15. Reduce air, water and soil pollution.	0	<p>This site is not within an AQMA; therefore a negligible effect on this SA objective is likely.</p>
16. Prevent inappropriate new development in flood risk areas and ensure development does not contribute to increased flood risk for existing property and people.	-	<p>This site is on mostly greenfield land (it is recognised that a number of smaller buildings which are ancillary to the main farm buildings offsite are located within the site boundary) and is located outside of flood zones 2 and 3; therefore a minor negative effect is likely given that the development of new housing on this greenfield land would increase the area of impermeable surfaces and could therefore increase overall flood risk in Kirklees.</p>
17. Increase prevention, re-use, recovery and recycling of waste	-	<p>Where housing development is proposed on brownfield land, there may be good opportunities for using existing buildings and materials although this is uncertain depending on the previous use of the site.</p>

SA Objectives	SA Score	Justification
close to source.		This site is on mostly greenfield land (it is recognised that a number of smaller buildings which are ancillary to the main farm buildings offsite are located within the site boundary); therefore a minor negative effect is likely.
18. Increase efficiency in water, energy and raw material use.	0	While all new residential development is likely to involve an increase in energy and water consumption this will not be influenced by the location of residential sites. Similarly, all residential development will result in the increased consumption of minerals for construction but this will not be influenced by the location of residential sites. Therefore, all sites will have a negligible effect on this SA objective.
19. Reduce the contribution that the district makes to climate change.	+	<p>The location of residential development will not affect the contribution that the buildings make to climate change, which will be influenced by other factors such the design of the buildings. However, where residential sites are well-connected by sustainable transport links to employment nodes, services and facilities, levels of car use and the associated greenhouse gas emissions are likely to be lower.</p> <p>In the accessibility heat mapping work that was undertaken for Kirklees Council, this site was classed as mainly or entirely 'green' in terms of its access to one of the eight features assessed; therefore a minor positive effect is likely.</p>
Potential significant positive effects were identified for this site in relation to SA objective 8: leisure and recreation and potential significant negative effects were identified in relation to SA objective 1: employment and 4: health (as part of an overall mixed effect. These issues will need to be considered further in terms of mitigation and/or enhancement, which may be achieved through Local Plan policies.		

SL2170b (safeguarded in the Publication Draft Local Plan)

SA Objectives	SA Score	Justification
1: Increase the number and range of employment opportunities available for local people, and ensure that they are accessible.	--	<p>While the location of housing sites will not influence the number, location or type of employment opportunities available in Kirklees, the proximity of housing to employment nodes can affect people's ability to access jobs.</p> <p>The site is within 56-60 minutes travel time of the nearest employment node; therefore a significant negative effect on this objective is expected.</p>
2. Achieve an economy better capable of growth through increasing investment, innovation and Entrepreneurship.	0	<p>The location of housing sites will not affect the success of the local economy. While housing development may result in job creation during the construction phase, this will not be influenced by the location of the development. Housing provision may also affect the size and location of the local workforce; however this is considered separately under SA objective 1 above. Therefore, the effects of all residential site options will be negligible.</p>
3. Ensure education facilities are available to all.	+?	<p>The availability of school and college places to serve the growing population will depend in part on whether new places are provided as part of new housing developments, which is unknown at this stage. Effects will also depend on how accessible existing schools and colleges are from residential site options, although there are uncertainties as the effects will depend on there being capacity at those schools and colleges to accommodate new pupils.</p> <p>The site is within 6-10 minutes travel time to a primary school and 26-30 minutes of a secondary school. A minor positive effect is therefore likely. Travel times to the nearest further education institute also vary across the site.</p>
4. Improve the health of local people and ensure that they can access the health and social care they need.	-	<p>The location of housing sites will not affect the number or location of healthcare facilities; however where healthcare facilities are easily accessible from housing sites there will be positive effects on residents' health.</p> <p>The site is within 21-25 minutes travel time of the nearest GP and over 60 minutes from a hospital. A minor negative effect is likely for this SA objective. The site is not within or adjacent to an AQMA.</p>
5. Protect local amenity including avoiding noise and light pollution.	-	<p>Where new residential development is proposed within close proximity of sensitive receptors there may be negative effects on amenity as a result of increased noise and light pollution, particularly during the construction phase. New residential development within close proximity of major roads or railways or industrial areas may result in noise pollution affecting residents in the longer term.</p> <p>This site is located in very close proximity of existing residential development to the west at Dunford Road and to the north at Greave Road. These residential properties may be affected by noise due to the development of this site, particularly during the construction phase. A minor negative effect on this SA objective is therefore likely.</p>

SA Objectives	SA Score	Justification
6. Retain and enhance access to local services and facilities.	-	<p>The location of housing sites will not directly affect the number or range of services in a particular location (although a large scale housing development could potentially stimulate the provision of new services); however the location of housing sites could affect this objective by influencing people's ability to access existing services and facilities.</p> <p>The site is within 16-20 minutes of both the nearest local centre and town/district centre. Therefore a minor negative effect is expected for this objective.</p>
7. Make our communities safer by reducing crime, anti-social behaviour and the fear of crime.	0	The effects of new housing developments on levels of crime and fear of crime will depend on factors such as the incorporation of green space within the housing sites which, depending on design and the use of appropriate lighting, could have an effect on perceptions of personal safety, particularly at night. However, such issues will not be influenced by the location of housing sites (rather they will be determined through the detailed proposals for each site) and so the effects of all of the potential residential sites on this SA objective will be negligible.
8. Protect and enhance existing and support the provision of new recreation facilities and areas of open space and encourage their usage.	++	The site is within close proximity of a number of designated open spaces which may be used by new residents in the area. A church ground is located within 50m of the site to the south west. Two areas which include outdoor sports facilities are located to the south east and east of the site within 150m and 290m respectively. Two further areas of outdoor sports facilities are located to the west of the site within 105m and 485m respectively. To the north west of the site, a park and children and young people's space can be found within 20m. The closest PRoW to the site is located to the west within 160m. As such a significant positive effect is recorded for this SA objective.
9. Ensure all people are able to live in a decent home which meets their needs.	+	All of the potential residential sites are expected to have positive effects on this objective, due to the nature of the proposed development and it is assumed that housing developments will include an appropriate proportion of affordable housing. This site is relatively small (0.97 ha); therefore a minor positive effect is likely.
10. Secure an effective and safe transport network which encourages people to make use of sustainable and active modes of transport.	+	<p>How well connected housing sites are to services, facilities and employment opportunities by sustainable modes of transport will affect the extent to which residents are able to make use of non car-based modes of transport day to day.</p> <p>In the accessibility heat mapping work that was undertaken for Kirklees Council, this site was classed as mainly or entirely 'green' in terms of its access to one of the eight features assessed. Therefore, a minor positive effect is likely.</p>
11. Secure the efficient and prudent use of land.	-	<p>Where development takes place on greenfield land or areas of high quality agricultural land it is a less efficient use of land than development on brownfield sites or sites of lower quality agricultural land.</p> <p>This is a relatively small site (0.97 ha) on mostly greenfield land; therefore a minor negative effect on this SA objective is likely. The site has been identified as being located on Grade 4 Agricultural Land.</p>
12. Protect and enhance the character of Kirklees and the quality of the landscape and townscape.	-?	<p>This is a relatively small site (0.97 ha) on mostly greenfield land; therefore development here could have a minor negative effect on this SA objective although this is uncertain depending on the design of the development.</p> <p>The site is not within close proximity of the Peak District National Park.</p>

SA Objectives	SA Score	Justification
		The site lies in LCA D7: Peak Fringe Upland Pastures, as identified in the 2015 Landscape Character Assessment for Kirklees. This is a broad terrace, comprising small square fields and is sparsely wooded. The settlement pattern is dispersed and there is a strongly rural, traditional agricultural character, although perceptions of tranquillity reduce closer to Huddersfield in the east.
13. Conserve and enhance the historic environment, heritage assets and their settings.	?	Historic England has rated this site as 'orange' in terms of the potential for effects on the historic environment. The effect on this SA objective is therefore uncertain and the potential for effects on cultural heritage assets will depend on the exact scale, design and layout of the new development.
14. Maximise opportunities to protect and enhance biodiversity and geodiversity.	-?	This site is located within 490m of the Wild Boar Clough candidate Local Wildlife Site which is to the south east and within 810m of the Morton Wood Local Wildlife Site which is to the north east. The close proximity of the site to these designated biodiversity features may result in potential detrimental impacts, e.g. through habitat damage/loss, fragmentation, disturbance to species, air pollution, trampling etc. and as such a minor negative effect is recorded for this SA objective. The effect is recorded as uncertain given that there may be opportunities to incorporate appropriate mitigation measures and promote habitat connectivity through the inclusion of green infrastructure with any development.
15. Reduce air, water and soil pollution.	0	This site is not within an AQMA; therefore a negligible effect on this SA objective is likely.
16. Prevent inappropriate new development in flood risk areas and ensure development does not contribute to increased flood risk for existing property and people.	-	This site is on mostly greenfield land and is located outside of flood zones 2 and 3; therefore a minor negative effect is likely given that the development of new housing on this greenfield land would increase the area of impermeable surfaces and could therefore increase overall flood risk in Kirklees.
17. Increase prevention, re-use, recovery and recycling of waste close to source.	-	Where housing development is proposed on brownfield land, there may be good opportunities for using existing buildings and materials although this is uncertain depending on the previous use of the site. This site is on mostly greenfield land; therefore a minor negative effect is likely.

SA Objectives	SA Score	Justification
18. Increase efficiency in water, energy and raw material use.	0	While all new residential development is likely to involve an increase in energy and water consumption this will not be influenced by the location of residential sites. Similarly, all residential development will result in the increased consumption of minerals for construction but this will not be influenced by the location of residential sites. Therefore, all sites will have a negligible effect on this SA objective.
19. Reduce the contribution that the district makes to climate change.	+	<p>The location of residential development will not affect the contribution that the buildings make to climate change, which will be influenced by other factors such the design of the buildings. However, where residential sites are well-connected by sustainable transport links to employment nodes, services and facilities, levels of car use and the associated greenhouse gas emissions are likely to be lower.</p> <p>In the accessibility heat mapping work that was undertaken for Kirklees Council, this site was classed as mainly or entirely 'green' in terms of its access to one of the eight features assessed; therefore a minor positive effect is likely.</p>
<p>Potential significant positive effects were identified for this site in relation to SA objective 8: leisure and recreation and potential significant negative effects were identified in relation to SA objective 1: employment. These issues will need to be considered further in terms of mitigation and/or enhancement, which may be achieved through Local Plan policies.</p>		